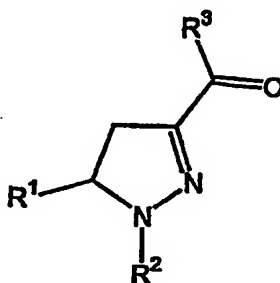


This Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (original): Substituted pyrazoline compounds of general formula I,



I

wherein

R¹ represents an optionally at least mono-substituted phenyl group;

R² represents an optionally at least mono-substituted phenyl group;

R³ represents a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or R³ represents an optionally at least mono-substituted aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or R³ represents an -NR⁴R⁵-moiety,

R⁴ and R⁵, identical or different, represent a hydrogen atom; an unbranched or branched, saturated or unsaturated, optionally at least mono-substituted aliphatic radical; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted aryl or heteroaryl group, which may be condensed with an

optionally at least mono-substituted mono- or polycyclic ring system and/or bonded via a linear or branched alkylene group; an $-\text{SO}_2\text{-R}^6$ -molety; or an $-\text{NR}^7\text{R}^8$ -molety,

with the provisos

that R^4 and R^5 do not both represent a hydrogen atom; and

that if one of the residues R^4 and R^5 represents a hydrogen atom or an alkyl group, which is optionally at least mono-substituted with an alkoxy group, an alkoxyalkoxy group, a halogen atom or a phenyl group, the other one of these residues R^4 and R^5 does not represent a pyrid-2-yl group, which is optionally mono-substituted in the 5-position; a pyrid-5-yl group, which is optionally mono-substituted in the 2-position; a pyrimid-5-yl group, which is optionally mono-substituted in the 2-position; a pyridaz-3-yl group, which is optionally mono-substituted in the 6-position; a pyrazin-5-yl group, which is optionally mono-substituted in the 2-position; a thien-2-yl group, which is optionally mono-substituted in the 5 position; a thien-2-yl group, which is optionally at least mono-substituted in the 4-position; a benzyl group, which is optionally mono-substituted in the 4-position of the ring; a phenethyl group, which is optionally mono-substituted in the 4-position of the ring; an optionally mono-, di- or tri-substituted phenyl group; a di-substituted phenyl group, wherein the two substituents together form an $-\text{OCH}_2\text{O}-$, $-\text{OCH}_2\text{CH}_2\text{O}-$ or $-\text{CH}_2\text{CH}_2\text{O}-$ chain, which is optionally substituted with one or more halogen atoms or one or two methyl groups; an $-\text{NH-phenyl-}$ molety, wherein the phenyl group may be mono-substituted in the 4-position, and

that if one of the residues R^4 and R^5 represents an alkynyl group, the other one of these residues R^4 and R^5 does not represent a phenyl group, which is optionally substituted in the 4-position, and

that if one of the residues R^4 and R^5 represents a hydrogen atom or a linear or branched, saturated or unsaturated, unsubstituted or substituted aliphatic radical, the other one of these residues R^4 and R^5 does not represent an unsubstituted or substituted thiazole group or an unsubstituted or substituted [1,3,4]thiadiazole group;

R^6 represents a linear or branched, saturated or unsaturated, optionally at least mono-substituted aliphatic group; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing cycloaliphatic group, which may be condensed with a mono- or polycyclic ring-system; or an optionally at least mono-substituted aryl or heteroaryl group, which may be condensed with a mono- or polycyclic ring system and/or bonded via a linear or branched alkylene group;

R^7 and R^8 , identical or different, represent a hydrogen atom; an unbranched or branched, saturated or unsaturated, optionally at least mono-substituted aliphatic radical; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system and/or bonded via a linear or branched alkylene group;

optionally in form of one of the stereoisomers, preferably enantiomers or diastereomers, a racemate or in form of a mixture of at least two of the stereoisomers, preferably enantiomers and/or diastereomers, in any mixing ratio, or a corresponding N-oxide thereof, or a corresponding salt thereof, or a corresponding solvate thereof.

2. (currently amended): Compounds according to claim 1, ~~characterized in that~~ wherein R¹ represents a phenyl group, which is optionally substituted by one or more substituents independently selected from the group consisting of a linear or branched C₁₋₆ alkyl group, a linear or branched C₁₋₆-alkoxy group, a halogen atom, CH₂F, CHF₂, CF₃, CN, OH, NO₂, -(C=O)-R', SH, SR', SOR', SO₂R', NH₂, NHR', NR'R'', -(C=O)-NH₂, -(C=O)-NHR' and -(C=O)-NR'R'' whereby R' and R'' for each substituent independently represent linear or branched C₁₋₈ alkyl, preferably R¹ represents a phenyl group, which is optionally substituted by one or more substituents selected from the group consisting of methyl, ethyl, F, Cl, Br and CF₃, more preferably R¹ represents a phenyl group, which is mono-substituted with a chlorine atom in the 4-position.
3. (currently amended): Compounds according to ~~claim 1 or 2, characterized in that~~ claim 1, wherein R² represents a phenyl group, which is optionally substituted by one or more substituents independently selected from the group consisting of a linear or branched C₁₋₆ alkyl group, a linear or branched C₁₋₆-alkoxy group, a halogen atom, CH₂F, CHF₂, CF₃, CN, OH, NO₂, -(C=O)-R', SH, SR', SOR', SO₂R', NH₂, NHR', NR'R'', -(C=O)-NH₂, -(C=O)-NHR' and -(C=O)-NR'R'', whereby R' and optionally R'' for each substituent independently represent linear or branched C₁₋₈ alkyl, preferably R² represents a phenyl group, which is optionally substituted by one or more substituents independently selected from the group consisting of methyl, ethyl, F, Cl, Br and CF₃, more preferably R² represents a phenyl group, which is di-substituted with two chlorine atoms in its 2- and 4-position.
4. (currently amended): Compounds according to ~~one or more of claims 1-3, characterized in that~~ claim 1, wherein R³ represents a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C₃₋₈ cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system, or R³ represents an optionally at least mono-substituted, 5- or 6-membered aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system, or R³ represents an -NR⁴R⁵-moiety,

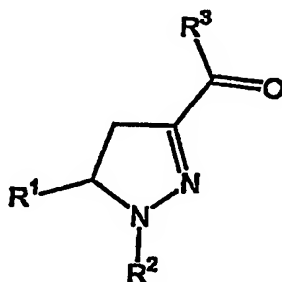
preferably R^3 represents a saturated, optionally at least mono-substituted, optionally one or more nitrogen-atoms as ring member containing C_{3-8} cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system, or R^3 represents an $-NR^4R^5$ -moiety, more preferably R^3 represents a pyrrolidinyl group, a piperidinyl group or a piperazinyl group, whereby each of these groups may be substituted with one or more C_{1-6} -alkyl groups, or R^3 represents an $-NR^4R^5$ -moiety.

5. (currently amended): Compounds according to one or more of claims 1-4, characterized in that claim 1, wherein R^4 and R^5 , identical or different, represent a hydrogen atom; an unbranched or branched, saturated or unsaturated, optionally at least mono-substituted C_{1-6} -aliphatic radical; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C_{3-8} -cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted, 5- or 6-membered aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system and/or bonded via a methylene ($-CH_2-$) or ethylene ($-CH_2-CH_2-$) group; an $-SO_2-R^6$ -moiety; or an $-NR^7R^8$ -moiety, preferably one of these residues R^4 and R^5 represents a hydrogen atom and the other one of these residues R^4 and R^5 represents a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C_{3-8} -cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted, 5- or 6-membered aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; an $-SO_2-R^6$ -moiety; or an $-NR^7R^8$ -moiety, or R^4 and R^5 , identical or different, each represent a C_{1-6} alkyl group, more preferably one of these residues R^4 and R^5 represents a hydrogen atom and the other one of these residues R^4 and R^5 represents an optionally at least mono-substituted pyrrolidinyl group; an optionally at least mono-substituted piperidinyl group; an optionally at least mono-substituted piperazinyl group; an optionally at least mono-substituted triazolyl group; an $-SO_2-R^6$ -moiety; or an -

NR^7R^8 -moiety, or R^4 and R^5 , identical or different, represent a methyl group, an ethyl group, an n-propyl group, an isopropyl group, an n-butyl group, a sec-butyl group or a tert-butyl group.

6. (currently amended): Compounds according to ~~one or more of claims 1-5,~~ characterized in that claim 1, wherein R^6 represents a linear or branched, saturated or unsaturated, optionally at least mono-substituted C_{1-6} aliphatic group; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C_{3-8} cycloaliphatic group, which may be condensed with a mono- or polycyclic ring-system; or an optionally at least mono-substituted, 5- or 6-membered aryl or heteroaryl group, which may be condensed with a mono- or polycyclic ring system and/or bonded via a methylene ($-\text{CH}_2-$) or ethylene ($-\text{CH}_2\text{CH}_2-$) group, preferably R^6 represents a C_{1-6} alkyl group; a saturated, optionally at least mono-substituted cycloaliphatic group, which may be condensed with a mono- or polycyclic ring-system; or a phenyl group, which is optionally substituted with one or more C_{1-6} alkyl groups.
7. (currently amended): Compounds according to ~~one or more of claims 1-6,~~ characterized in that claim 1, wherein R^7 and R^8 , identical or different, represent a hydrogen atom; an unbranched or branched, saturated or unsaturated, optionally at least mono-substituted C_{1-6} aliphatic radical; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C_{3-8} cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted, 5- or 6 membered aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system and/or bonded via a methylene ($-\text{CH}_2-$) or ethylene ($-\text{CH}_2\text{CH}_2-$) group, preferably R^7 and R^8 , identical or different, represent a hydrogen atom; or a C_{1-6} alkyl radical.

8. (currently amended): Compounds of general formula I according to ~~one or more of claims 1 to 7~~ claim 1



I

wherein

R¹ represents a phenyl ring, which is mono-substituted with a halogen atom, preferably a chlorine atom, in its 4-position,

R² represents a phenyl ring, which is di-substituted with two halogen atoms, preferably chlorine atoms, in its 2- and 4-position,

R³ represents a pyrrolidinyl group; a piperidinyl group; a piperazinyl group; a homo-piperazinyl group; a morpholinyl group; or an -NR⁴R⁵-moiety,

R⁴ represents a hydrogen atom or a linear or branched C₁₋₆-alkyl group,

R⁵ represents a linear or branched C₁₋₆ alkyl group; an SO₂-R⁶-moiety; a pyrrolidinyl group; a piperidinyl group; a piperazinyl group; a homo-piperazinyl group; a morpholinyl group; or a triazolyl group, whereby each of the heterocyclic rings may be substituted with one or more, identical or different, C₁₋₆-alkyl groups, and

R⁶ represents a phenyl group, which is optionally substituted with one or more C₁₋₆ alkyl groups, which may be identical or different,

optionally in form of one of the stereoisomers, preferably enantiomers or diastereomers, a racemate or in form of a mixture of at least two of the stereoisomers, preferably enantiomers and/or diastereomers, in any mixing ratio, or a corresponding N-oxide thereof, or a corresponding salt thereof, or a corresponding solvate thereof.

9. (currently amended): Compounds according to one or more of claims 1 to 8 claim 1 selected from the group consisting of:

N-piperidinyl-5-(4-chloro-phenyl)-1-(2,4-dichlorophenyl)-4,5-dihydro-1H-pyrazol-3-carboxamide,

5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4,5-dihydro-1H-pyrazole-3-carboxylic acid-[1,2,4]-triazole-4-yl-amide,

5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4,5-dihydro-1H-pyrazole-3-carboxylic acid-(4-methyl-piperazin-1-yl)-amide,

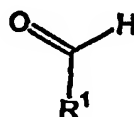
5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4,5-dihydro-1H-pyrazole-3-carboxylic acid diethylamide,

[5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4,5-dihydro-1H-pyrazole-3-yl]-piperidine-1-yl-methanone,

N-[5-(4-Chloro-phenyl)-1-(2,4-dichlorophenyl)-4,5-dihydro-1H-pyrazole-3-carbonyl]-4-methylphenylsulfonamide,

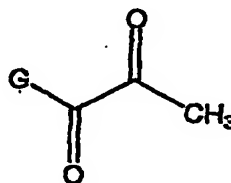
optionally in the form of a corresponding N-oxide, a corresponding salt or a corresponding solvate.

10. (currently amended): Process for the manufacture of substituted pyrazoline compounds of general formula I according to ~~one or more claims 1 to 9,~~ characterized in that claim 1, wherein at least one benzaldehyde compound of general formula II



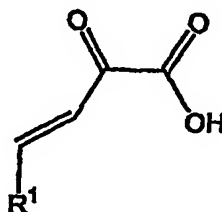
(II)

wherein R¹ has the meaning according to one or more of claims 1-9, is reacted with a pyruvate compound of general formula (III)



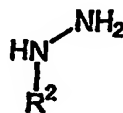
(III),

wherein G represents an OR group with R being a branched or unbranched C₁₋₈ alkyl radical or G represents an O⁻K group with K being a cation, to yield a compound of general formula (IV)



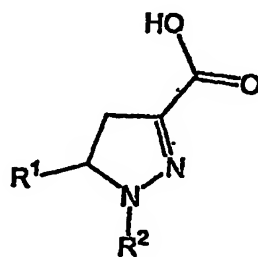
(IV)

wherein R^* has the meaning given above, which is optionally isolated and/or optionally purified, and which is reacted with an optionally substituted phenyl hydrazine of general formula (V)



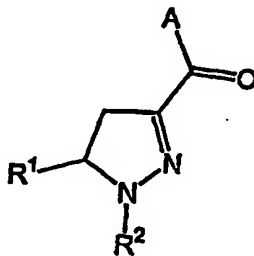
(V)

or a corresponding salt thereof, wherein R^2 has the meaning according to one or more of claims 1-9, under inert atmosphere, to yield a compound of general formula (VI)



(VI)

wherein R^1 and R^2 have the meaning as given above, which is optionally isolated and/or optionally purified, and optionally transferred under inert atmosphere to a compound of general formula (VII) via the reaction with an activating agent

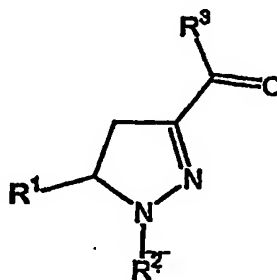


(VII)

wherein the substituents R^1 and R^2 have the meaning given above and A represents a leaving group, said compound being optionally isolated and/or optionally purified, and at least one compound of general formula (VI) is reacted with a compound of general formula R^3H , wherein R^3 represents an $-NR^4R^5$ -moiety, with R^4 and R^5 having the meaning according to one or more of claims 1-9, under inert atmosphere to yield a substituted pyrazoline compound of general formula I, wherein R^3 represents an $-NR^4R^5$ -moiety,

or at least one compound of general formula (VII) is reacted with a compound of the general formula R^3H , in which R^3 has the meaning according to one or more of claims 1-9 under inert atmosphere to yield a compound of general formula (I) according to one or more of claims 1-9, which is optionally isolated and/or optionally purified.

11. (original): Medicament comprising at least one substituted pyrazoline compound of general formula I,



I

wherein

R^1 represents an optionally at least mono-substituted phenyl group;

R^2 represents an optionally at least mono-substituted phenyl group;

R^3 represents a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system, or R^3 represents an optionally at least mono-substituted aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system, or R^3 represents an $-NR^4R^5$ -moiety,

R^4 and R^5 , identical or different, represent a hydrogen atom; an unbranched or branched, saturated or unsaturated, optionally at least mono-substituted aliphatic radical; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system and/or bonded via a linear or branched alkylene group; an $-SO_2R^6$ -moiety; or an $-NR^7R^8$ -moiety, with the proviso that R^4 and R^5 do not identically represent hydrogen;

R^6 represents a linear or branched, saturated or unsaturated, optionally at least mono-substituted aliphatic group; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing cycloaliphatic group, which may be condensed with a mono- or polycyclic ring-system; or an optionally at least mono-substituted aryl or heteroaryl group, which may be condensed with a mono- or polycyclic ring system and/or bonded via a linear or branched alkylene group;

R^7 and R^8 , identical or different, represent a hydrogen atom; an unbranched or branched, saturated or unsaturated, optionally at least mono-substituted aliphatic radical; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least

mono-substituted aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system and/or bonded via a linear or branched alkylene group;

optionally in form of one of the stereoisomers, preferably enantiomers or diastereomers, a racemate or in form of a mixture of at least two of the stereoisomers, preferably enantiomers and/or diastereomers, in any mixing ratio, or a corresponding N-oxide thereof, or a corresponding salt thereof, or a corresponding solvate thereof, and optionally one or more pharmaceutically acceptable excipients.

12. (currently amended): Medicament according to claim 11, characterized in that wherein R¹ represents a

phenyl group, which is optionally substituted by one or more substituents independently selected from the group consisting of a linear or branched C₁₋₆-alkyl group, a linear or branched C₁₋₆-alkoxy group, a halogen atom, CH₂F, CHF₂, CF₃, CN, OH, NO₂, -(C=O)-R', SH, SR', SOR', SO₂R', NH₂, NHR', NR'R'', -(C=O)-NH₂, -(C=O)-NHR' and -(C=O)-NR'R'', whereby R' and R'' for each substituent independently represent linear or branched C₁₋₆ alkyl, preferably R¹ represents a phenyl group, which is optionally substituted by one or more substituents selected from the group consisting of methyl, ethyl, F, Cl, Br and CF₃, more preferably R¹ represents a phenyl group, which is mono-substituted with a chlorine atom in the 4-position.

13. (currently amended): Medicament according to claim 11 or 12, characterized in that claim 11, wherein R² represents a

phenyl group, which is optionally substituted by one or more substituents independently selected from the group consisting of a linear or branched C₁₋₆-alkyl group, a linear or branched C₁₋₆-alkoxy group, a halogen atom, CH₂F, CHF₂, CF₃, CN, OH, NO₂, -(C=O)-R', SH, SR', SOR', SO₂R', NH₂, NHR', NR'R'', -(C=O)-NH₂, -(C=O)-NHR' and -(C=O)-NR'R'', whereby R' and optionally R'' for each substituent independently represent linear or branched C₁₋₆ alkyl, preferably R² represents a phenyl group, which is optionally substituted by one or more substituents independently selected from the group consisting of methyl, ethyl, F, Cl, Br and CF₃, more preferably R² represents a

phenyl group, which is di-substituted with two chlorine atoms in its 2- and 4-position.

14. ~~(currently amended): Medicament according to one or more of claims 11-13, characterized in that~~ claim 11, wherein R^3

represents a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C_{3-8} cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system, or R^3 represents an optionally at least mono-substituted, 5- or 6-membered aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system, or R^3 represents an $-NR^4R^5$ -molety, preferably R^3 represents a saturated, optionally at least mono-substituted, optionally one or more nitrogen-atoms as ring member containing C_{3-8} cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system, or R^3 represents an $-NR^4R^5$ -molety, more preferably R^3 represents a pyrrolidinyl group, a piperidinyl group or a piperazinyl group, whereby each of these groups may be substituted with one or more C_{1-6} -alkyl groups, or R^3 represents an $-NR^4R^5$ -molety.

15. ~~(currently amended): Medicament according to one or more of claims 11-14, characterized in that~~ claim 11, wherein R^4

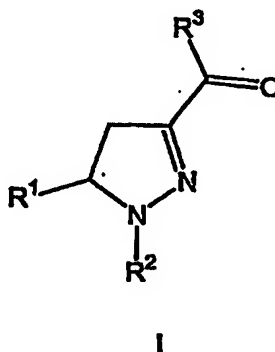
and R^5 , identical or different, represent a hydrogen atom; an unbranched branched, saturated or unsaturated, optionally at least mono-substituted C_{1-6} -aliphatic radical; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C_{3-8} -cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted, 5- or 6-membered aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system and/or bonded via a methylene ($-CH_2-$) or ethylene ($-CH_2-CH_2-$) group; an $-SO_2R^6$ -molety; or an $-NR^7R^8$ -molety, preferably one of these residues R^4 and R^5 represents a hydrogen atom and the other one of these residues R^4 and R^5 represents a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member

containing C₃₋₈-cycloaliphatic group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted, 5- or 6-membered aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system; an -SO₂-R⁶-moiety; or an -NR⁷R⁸-moiety, or R⁴ and R⁵, identical or different, each represent a C₁₋₈ alkyl group, more preferably one of these residues R⁴ and R⁵ represents a hydrogen atom and the other one of these residues R⁴ and R⁵ represents an optionally at least mono-substituted pyrrolidinyl group; an optionally at least mono-substituted piperidinyl group; an optionally at least mono-substituted piperazinyl group; an optionally at least mono-substituted triazolyl group; an -SO₂-R⁶-moiety; or an -NR⁷R⁸-moiety, or R⁴ and R⁵, identical or different, represent a methyl group, an ethyl group, an n-propyl group, an isopropyl group, an n-butyl group, a sec-butyl group or a tert-butyl group.

16. (currently amended): Medicament according to ~~one or more of claims 11-15,~~ characterized in that claim 11, wherein R⁶ represents a linear or branched, saturated or unsaturated, optionally at least mono-substituted C₁₋₈ aliphatic group; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C₃₋₈ cycloaliphatic group, which may be condensed with a mono- or polycyclic ring system; or an optionally at least mono-substituted, 5- or 6-membered aryl or heteroaryl group, which may be condensed with a mono- or polycyclic ring system and/or bonded via a methylene (-CH₂-) or ethylene (-CH₂-CH₂-) group, preferably R⁶ represents a C₁₋₈ alkyl group; a saturated, optionally at least mono-substituted cycloaliphatic group, which may be condensed with a mono- or polycyclic ring system; or a phenyl group, which is optionally substituted with one or more C₁₋₈ alkyl groups.
17. (currently amended): Medicament according to ~~one or more of claims 11-16,~~ characterized in that claim 11, wherein R⁷ and R⁸, identical or different, represent a hydrogen atom; an unbranched or branched, saturated or unsaturated, optionally at least mono-substituted C₁₋₈ aliphatic radical; a saturated or unsaturated, optionally at least mono-substituted, optionally at least one heteroatom as ring member containing C₃₋₈ cycloaliphatic group, which may be condensed with an optionally at least

mono-substituted mono- or polycyclic ring system; or an optionally at least mono-substituted, 5- or 6 membered aryl or heteroaryl group, which may be condensed with an optionally at least mono-substituted mono- or polycyclic ring system and/or bonded via a methylene ($-\text{CH}_2-$) or ethylene ($-\text{CH}_2\text{CH}_2-$) group, preferably R^7 and R^8 , identical or different, represent a hydrogen atom or a C_{1-6} alkyl radical.

18. (currently amended): Medicament according to ~~one or more of claims 11-17,~~ characterized in that it comprises claim 11, comprising at least one compound of general formula I



wherein

R^1 represents a phenyl group, which is optionally substituted by one or more substituents independently selected from the group consisting of methyl, ethyl, F, Cl, Br and CF_3 ,

R^2 represents a phenyl group, which is optionally substituted by one or more substituents independently selected from the group consisting of methyl, ethyl, F, Cl, Br and CF_3 ,

R^3 represents a pyrrolidinyl group, a piperidinyl group or a piperazinyl group, whereby each of these groups may be substituted with one or more C_{1-6} -alkyl groups, or R^3 represents an $-\text{NR}^4\text{R}^5$ -moiety,

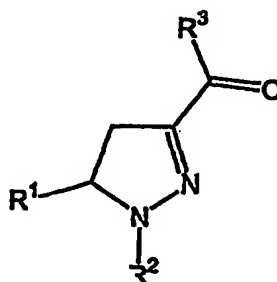
one of the residues R^4 and R^5 represents a hydrogen atom and the other one of these residues R^4 and R^5 represents an optionally at least mono-substituted pyrrolidinyl group; an optionally at least mono-substituted piperidinyl group; an optionally at least mono-substituted piperazinyl group; an optionally at least mono-substituted triazolyl group; an $-SO_2-R^6$ -molety; or an $-NR^7R^8$ -molety, or R^4 and R^5 , identical or different, represent a methyl group, an ethyl group, an n-propyl group, an isopropyl group, an n-butyl group, a sec-butyl group or a tert-butyl group,

R^6 represents a C_{1-8} -alkyl group; a saturated, optionally at least mono-substituted cycloaliphatic group, which may be condensed with a mono- or polycyclic ring-system; or a phenyl group, which is optionally substituted with one or more C_{1-8} alkyl groups, and

R^7 and R^8 , identical or different, represent a hydrogen atom or a C_{1-8} alkyl radical

optionally in form of one of the stereoisomers, preferably enantiomers or diastereomers, a racemate or in form of a mixture of at least two of the stereoisomers, preferably enantiomers and/or diastereomers, in any mixing ratio, or a corresponding N-oxide thereof, or a corresponding salt thereof, or a corresponding solvate thereof:

19. (currently amended): Medicament according to ~~one or more of claims 11-17,~~
~~characterized in that it comprises~~ claim 11, comprising at least one
compound of general formula I



I

wherein

R¹ represents a phenyl group, which is optionally substituted with 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of linear or branched C₁₋₆-alkyl, linear or branched C₁₋₆-alkoxy, F, Cl, Br, I, CH₂F, CHF₂, CF₃, CN, OH, NO₂, -(C=O)-R', SH, SR', SOR', SO₂R', NH₂, NHR', NR'R'', -(C=O)-NH₂, -(C=O)-NHR' and -(C=O)-NR'R'', whereby R' and R'' at each occurrence independently represent a linear or branched C₁₋₆ alkyl group,

R² represents a phenyl group, which is optionally substituted with 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of linear or branched C₁₋₆-alkyl, linear or branched C₁₋₆-alkoxy, F, Cl, Br, I, CH₂F, CHF₂, CF₃, CN, OH, NO₂, -(C=O)-R', SH, SR', SOR', SO₂R', NH₂, NHR', NR'R'', -(C=O)-NH₂, -(C=O)-NHR' and -(C=O)-NR'R'', whereby R' and R'' at each occurrence independently represent a linear or branched C₁₋₆ alkyl group,

R³ represents a saturated or unsaturated C₃₋₈ cycloaliphatic group, whereby said C₃₋₈ cycloaliphatic group is optionally substituted with 1, 2, 3 or 4 substituents independently selected from the group consisting of linear or branched C₁₋₆ alkyl, linear or branched C₁₋₆ alkoxy, OH, F, Cl, Br, I, CN, CH₂F, CHF₂, CF₃ and oxo (=O) and whereby said C₃₋₈ cycloaliphatic group may

contain 1, 2 or 3 heteroatoms independently selected from the group consisting of N, O and S as ring members, or R^3 represents an $-NR^4R^5$ - moiety,

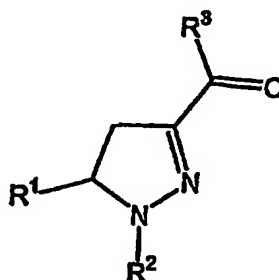
R^4 represents a hydrogen atom or a linear or branched C_{1-6} -alkyl group,

R^5 represents a linear or branched C_{1-6} alkyl group; an $-SO_2-R^6$ -moiety; a saturated or unsaturated C_{3-8} cycloaliphatic group, whereby said C_{3-8} cycloaliphatic group is optionally substituted with 1, 2, 3 or 4 substituents independently selected from the group consisting of linear or branched C_{1-6} alkyl group, a linear or branched C_{1-6} alkoxy group, OH, F, Cl, Br, I, CN, CH_2F , CHF_2 , CF_3 and oxo ($=O$) and whereby said C_{3-8} cycloaliphatic group may contain 1, 2 or 3 heteroatoms independently selected from the group consisting of N, O and S as ring members, and

R^6 represents a phenyl group, which is optionally substituted with 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of a linear or branched C_{1-6} -alkyl group, a linear or branched C_{1-6} -alkoxy group, F, Cl, Br, I, CH_2F , CHF_2 , CF_3 , CN, OH, NO_2 , $-(C=O)-R'$, SH, SR' , SOR' , SO_2R' , NH_2 , NHR' , $NR'R''$, $-(C=O)-NH_2$, $-(C=O)-NHR'$ and $-(C=O)-NR'R''$, whereby R' and R'' at each occurrence independently represent a linear or branched C_{1-6} alkyl group,

optionally in form of one of the stereoisomers, preferably enantiomers or diastereomers, a racemate or in form of a mixture of at least two of the stereoisomers, preferably enantiomers and/or diastereomers, in any mixing ratio, or a corresponding N-oxide thereof, or a corresponding salt thereof, or a corresponding solvate thereof.

20. (currently amended): Medicament according to ~~one or more claims 11-17 and 19,~~ characterized in that it comprises claim 11, comprising at least one compound of general formula I



I

wherein

R¹ represents a phenyl group, which is optionally substituted with 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of methyl, ethyl, F, Cl, Br and CF₃,

R² represents a phenyl group, which is optionally substituted with 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of methyl, ethyl, F, Cl, Br and CF₃,

R³ represents a pyrrolidinyl group, a piperidinyl group or a piperazinyl group, whereby each of these groups may be substituted with one or more of C₁₋₆-alkyl groups, or R³ represents an -NR⁴R⁵-molety,

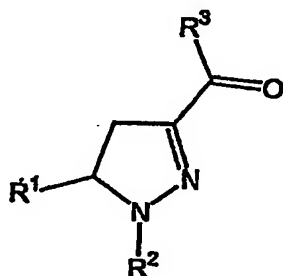
R⁴ represents a hydrogen atom or a linear or branched C₁₋₆-alkyl group,

R⁵ represents a linear or branched C₁₋₆ alkyl group; an -SO₂-R⁶-molety; a pyrrolidinyl group; a piperidinyl group; a piperazinyl group; a homo-piperazinyl group; a morpholinyl group; a triazolyl group; whereby each of the heterocyclic rings may be substituted with one or more, identical or different, C₁₋₆-alkyl groups, and

R⁵ represents a phenyl group, which is optionally substituted with one or more C₁₋₆ alkyl groups, which may be identical or different,

optionally in form of one of the stereoisomers, preferably enantiomers or diastereomers, a racemate or in form of a mixture of at least two of the stereoisomers, preferably enantiomers and/or diastereomers, in any mixing ratio, or a corresponding N-oxide thereof, or a corresponding salt thereof, or a corresponding solvate thereof.

21. (currently amended): Medicament according to ~~one or more claims 11-20,~~ characterized in that it comprises claim 11, comprising at least one compound of general formula I



I

wherein

R¹ represents a phenyl ring, which is mono-substituted with a halogen atom, preferably a chlorine atom, in its 4-position,

R² represents a phenyl ring, which is di-substituted with two halogen atoms, preferably chlorine atoms, in its 2- and 4-position,

R³ represents a pyrrolidinyl group, a piperidinyl group, a piperazinyl group, a homo-piperazinyl group, a morpholinyl group, or an -NR⁴R⁵-moiety,

R⁴ represents a hydrogen atom or a linear or branched C₁₋₆-alkyl group,

R⁵ represents a linear or branched C₁₋₆ alkyl group; an -SO₂-R⁶-moiety; a pyrrolidinyl group; a piperidinyl group; a piperazinyl group; a homo-piperazinyl group; a morpholinyl group; or a triazolyl group whereby each of the heterocyclic rings may be substituted with one or more, identical or different, C₁₋₆-alkyl groups, and

R⁶ represents a phenyl group, which is optionally substituted with one or more C₁₋₆ alkyl groups, which may be identical or different,

optionally in form of one of the stereoisomers, preferably enantiomers or diastereomers, a racemate or in form of a mixture of at least two of the stereoisomers, preferably enantiomers and/or diastereomers, in any mixing ratio, or a corresponding N-oxide thereof, or a corresponding salt thereof, or a corresponding solvate thereof.

22. ~~(currently amended): Medicament according to one or more claims 11 to 21, characterized in that it comprises claim 11, comprising~~
at least one compound selected from the group consisting of:

N-piperidinyl-5-(4-chloro-phenyl)-1-(2,4-dichlorophenyl)-4,5-dihydro-1H-pyrazol-3-carboxamide,

5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4,5-dihydro-1H-pyrazole-3-carboxylic acid-[1,2,4]-triazole-4-yl-amide,

5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4,5-dihydro-1H-pyrazole-3-carboxylic acid-(4-methyl-piperazin-1-yl)-amide,

5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4,5-dihydro-1H-pyrazole-3-carboxylic acid diethylamide,

[5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4,5-dihydro-1H-pyrazole-3-yl]-piperidine-1-yl-methanone,

N-[5-(4-Chloro-phenyl)-1-(2,4-dichlorophenyl)-4,5-dihydro-1H-pyrazole-3-carbonyl]-4-methylphenylsulfonamide,

optionally in the form of a corresponding N-oxide, a corresponding salt or a corresponding solvate.

23. (currently amended): ~~A method-Medicament according to one or more of claims 11-22 for the modulation of cannabinoid-receptors, preferably cannabinoid 1 (CB₁) receptors, for the prophylaxis and/or treatment of disorders of the central nervous system, disorders of the immune system, disorders of the cardiovascular system, disorders of the endocrine system, disorders of the respiratory system, disorders of the gastrointestinal tract or reproductive disorders~~ the method comprising administering to a patient an effective amount of a medicament according to claim 11.

24. (currently amended): ~~A method-Medicament according to one or more of claims 11-22 for the prophylaxis and/or treatment of food intake disorders, preferably bulimia, anorexia, cachexia, obesity, type II diabetes mellitus (non-insuline dependent diabetes mellitus), more preferably obesity~~ the method comprising administering to a patient an effective amount of a medicament according to claim 11.

25. (currently amended): ~~A method-Medicament according to one or more of claims 11-22 for the prophylaxis and/or treatment of psychosis,~~ the method comprising administering to a patient an effective amount of a medicament according to claim 11.

26. (currently amended): ~~A method-Medicament according to one or more of claims 11-22 for the prophylaxis and/or treatment of alcohol abuse and/or alcohol addiction, nicotine abuse and/or nicotine addiction, drug abuse and/or drug addiction and/or medicament abuse and/or medicament addiction, preferably drug abuse and/or drug addiction and/or nicotine abuse and/or nicotine addiction,~~ the method comprising administering to a patient an effective amount of a medicament according to claim 11.

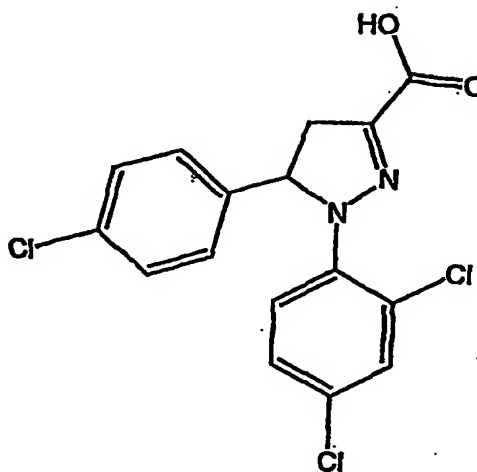
27. (currently amended): ~~A method-Medicament according to one or more of claims 11-22 for the prophylaxis and/or treatment of cancer, preferably for the prophylaxis and/or treatment of one or more types of cancer selected from the group consisting of brain cancer, bone cancer, lip cancer, mouth cancer, esophageal cancer, stomach cancer, liver cancer, bladder cancer, pancreas cancer, ovary cancer, cervical cancer, lung cancer, breast cancer, skin cancer, colon cancer, bowel cancer and prostate cancer, more preferably for the prophylaxis and/or treatment of one or more types of cancer selected from the group consisting of colon cancer, bowel cancer and prostate cancer~~ the method comprising administering to a patient an effective amount of a medicament according to claim 11.

28. (currently amended) ~~A method-Medicament according to one or more of claims 11-22 for the prophylaxis and/or treatment of one or more disorders selected from the group consisting of bone disorders, preferably osteoporosis~~

~~(e.g. osteoporosis associated with a genetic predisposition sex hormone deficiency, or ageing), cancer associated bone disease or Paget's disease of bone;~~ schizophrenia, anxiety, depression, epilepsy, neurodegenerative disorders, cerebellar disorders, spinocerebellar disorders, cognitive disorders, cranial trauma, head trauma, stroke panic attacks, peripheral neuropathy, glaucoma, migraine, Morbus Parkinson, Morbus Huntington, Morbus Alzheimer, Raynaud's disease, tremblement disorders, compulsive disorders, senile dementia, thymic disorders, tardive dyskinesia, bipolar disorders, medicament-induced movement disorders, dystonia, endotoxemic shock, hemorrhagic shock, hypotension, insomnia, immunologic disorders, sclerotic plaques, vomiting, diarrhea, asthma, memory disorders, pruritus, pain, or for potentiation of the analgesic effect of narcotic and non-narcotic analgesics, or for influencing intestinal transit, the method comprising administering to a patient an effective amount of a medicament according to claim 11.

Claims 29-34 (canceled)

35. (original): The compound



optionally in form of one of the stereoisomers, preferably enantiomers or diastereomers, a racemate or in form of a mixture of at least two of the stereoisomers, preferably enantiomers and/or diastereomers, in any mixing ratio, or a corresponding salt thereof, or a corresponding solvate thereof.

36. (new): The method of claim 23, wherein the cannabinoid receptors are cannabinoid 1 (CB₁) receptors.

37. (new): A method for the prophylaxis and/or treatment of a disorder selected from the group consisting of disorders of the central nervous system, disorders of the immune system, disorders of the cardiovascular system, disorders of the endocrinous system, disorders of the respiratory system, disorders of the gastrointestinal tract, and reproductive disorders, the method comprising administering to a patient an effective amount of a medicament according to claim 11.

38. (new): The method of claim 24, wherein the food intake disorder is selected from the group consisting of bulimia, anorexia, cachexia, obesity, and type II diabetes mellitus (non-insuline dependent diabetes mellitus), the method comprising administering to a patient an effective amount of a medicament according to claim 11.

39. (new): The method of claim 26, wherein the drug abuse or drug addiction is alcohol abuse or alcohol addiction, or nicotine abuse or nicotine addiction.

40. (new): The method of claim 27, wherein the cancer is selected from the group consisting of brain cancer, bone cancer, lip cancer, mouth cancer, esophageal cancer, stomach cancer, liver cancer, bladder cancer, pancreas

cancer, ovary cancer, cervical cancer, lung cancer, breast cancer, skin cancer, colon cancer, bowel cancer and prostate cancer.

41. (new): The method of claim 28, wherein the bone disorder is osteoporosis, cancer-associated bone disease, or Paget's disease of bone.